

an elongate armature supported at one end thereof, extending through said coil and having its other end extending into said gap, said other end being vibratory in said direction and having surfaces respectively opposing said pole faces, said surfaces being joined by a lateral edge, and

a snubber secured in relation to the permanent magnet means and having a snubbing surface extending in said direction, said snubbing surface having a predetermined clearance from said lateral edge of the armature normal to said direction.

3. (amended) A transducer according to claim 1, wherein the snubber comprises at least one filler piece attached to the permanent magnet means in position to form said clearance.

5. (amended) A transducer according to claim 4, wherein the magnet strap forms a closed loop, the snubber comprising two said filler pieces in facing relation secured to and within said loop.

6. (amended) A transducer according to claim 4, wherein the filler piece extends between the strap and sides of the magnets for locating the magnets within the strap when being attached thereto.

7. (amended) A transducer according to claim 1, wherein the snubber comprises a unitary member attached to the permanent magnet means and having spaced, mutually facing parallel snubbing surfaces with the armature extending therebetween.

9. A transducer according to claim 8, in which the unitary member has a plastically deformable attachment to the magnet strap for preliminary rotational adjustment of said parallel surfaces about an axis normal to said direction.

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cont'd.

10. A transducer according to claim 9, in which the unitary member has rigid attachments to the magnet strap in the vicinities of said parallel surfaces.

Please add the following claim:

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11. A transducer according to claim 1, including
a diaphragm drive pin extending from said other end of the armature and
vibratory thereby in said direction.
